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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2144.0330000/RWE/RAS
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/566,573
INTERNATIONAL APPLICATION NO. PCT/JP04/11308	INTERNATIONAL FILING DATE 30 July 2004	PRIORITY DATE CLAIMED 31 July 2003
TITLE OF INVENTION Methods of Screening for Useful Proteins (as amended)		
APPLICANT(S) FOR DO/EO/US Naoto NEMOTO and Jun-ichi YAMAGUCHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<div style="margin-top: 10px;"><div>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</div><div>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</div><div>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</div><div>4. <input type="checkbox"/> The US has been elected (Article 31).</div><div>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</div><div>b. <input type="checkbox"/> has been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div></div></div><div>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> is attached hereto.</div><div>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</div></div></div><div>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</div><div>b. <input type="checkbox"/> have been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div><div>d. <input type="checkbox"/> have not been made and will not be made.</div></div></div><div>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</div><div>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</div><div>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</div></div> <div style="margin-top: 10px;">Items 11 to 20 below concern document(s) or information included:</div> <div><div>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</div><div>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</div><div>13. <input type="checkbox"/> A preliminary amendment.</div><div>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</div><div>15. <input type="checkbox"/> A substitute specification.</div><div>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</div><div>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</div><div>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</div><div>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</div></div>		

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20. Other items or information:
 1. One (1) sheet of Form PTO/SB/08A citing one (1) document; 2. One (1) sheet of Form PTO/SB08B citing two (2) documents;
 3. Copies of documents NPL12 and NPL13.

The above listed documents are filed electronically through EFS-Web.

The following fees have been submitted	CALCULATIONS	PTO USE ONLY																
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$																	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))																		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$																	
All other situations..... \$200																		
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))																		
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$																	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100																		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400																		
All other situations..... \$500																		
TOTAL OF 21, 22 and 23 =	-0-																	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 40%;">RATE</th> </tr> <tr> <td style="text-align: center;">- 100 =</td> <td style="text-align: center;">/50 =</td> <td></td> <td style="text-align: center;">x \$250</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250	\$									
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- 100 =	/50 =		x \$250															
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 15%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">- 20 =</td> <td></td> <td style="text-align: center;">x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">- 3 =</td> <td></td> <td style="text-align: center;">x \$200</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ \$360</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =		x \$ 50	Independent claims	- 3 =		x \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
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Total claims	- 20 =		x \$ 50															
Independent claims	- 3 =		x \$200															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360															
TOTAL OF ABOVE CALCULATIONS =	-0-																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																		
SUBTOTAL =	-0-																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$																	
TOTAL NATIONAL FEE =	-0-																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	\$																	
TOTAL FEES ENCLOSED =	-0-																	
	Amount to be refunded:	\$																
	Amount to be charged	\$																

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0036. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER 26111


SIGNATURE

Robert A. Schwartzman, Ph.D.

NAME

50,211

REGISTRATION NUMBER

577584v1